

Converting Colors

XYZ(21.9905, 28.3520, 21.7662)

Have a look what the booklet for
XYZ(21.9905, 28.3520, 21.7662)
contains.

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Color

**XYZ(21.9905, 28.3520,
21.7662)**

Conversions

Conversions Part 1

Format	Color
Hex	729B77
RGB	114, 155, 119
RGB Percent	45%, 61%, 47%
CMY	0.5529, 0.3921, 0.5333
CMYK	0.26, 0.00, 0.23, 0.39
HSL	127°, 17%, 53%
HSV	127°, 26%, 61%
XYZ	21.9905, 28.3520, 21.7662
YIQ	138.6370, -12.8800, -19.8880

Conversions

Conversions Part 2

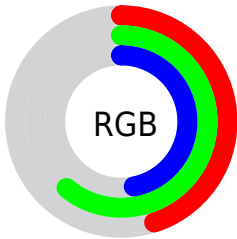
Format	Color
RYB	114, 151, 155
Decimal	7510903
CIELab	60.21, -21.52, 14.45
CIELCh	60, 25.920, 146.127
Yxy	28.3520, 0.3050, 0.3932
Android (android.graphics.Color)	4285700983 (0xFF729B77)
YUV	138.6370, -9.6810, -21.6066
Hunter-Lab	53.2466, -19.4622, 13.0360

Details

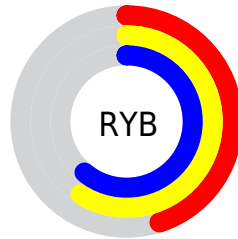
The XYZ color **21.9905, 28.3520, 21.7662** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.0408, 21.2057, 31.6286**, and the grayscale version is **24.4412, 25.7141, 28.0026**.

A 20% lighter version of the original color is **46.3336, 57.2490, 47.1362**, and **8.2358, 11.4666, 7.5736** is the 20% darker color. If you saturate the color by 10%, you get **19.3830, 27.0964, 17.6789**, and if you desaturate by 10%, it is **25.0583, 29.8330, 26.4874**.

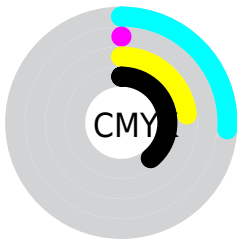
Distribution



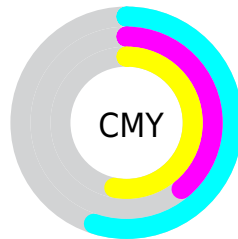
- Red (45%)
- Green (61%)
- Blue (47%)



- Red (45%)
- Yellow (59%)
- Blue (61%)



- Cyan (26%)
- Magenta (0%)
- Yellow (23%)
- Black (39%)



- Cyan (55%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9905, 28.3520, 21.7662 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 21.9905, 28.3520, 21.7662 by changing the saturation by 10% instead.

■ 21.9905, 28.3520,
21.7662

■ 21.9905, 28.3520,
21.7662

255.1300,
294.1451, 274.2364

■ 13.9665, 18.5912,
13.4885

■ 46.2093, 57.0459,
47.2565

■ 8.1789, 11.3752,
7.6311

■ 63.1347, 76.7478,
65.3062

■ 4.2624, 6.3198,
3.7755

■ 83.7580, 100.5322,
87.4504

■ 1.8516, 3.0405,
1.5030

108.4446,
128.7835, 114.1075

■ 0.5485, 1.1529,
0.2202

137.5597,
161.8860, 145.6961

■ 0.0000, 0.0227,
0.0000

171.4687,

■ 0.0000, 0.0000,

200.2242, 182.6348

0.0000

210.5370,
244.1824, 225.3420

■ 21.9905, 28.3520,
21.7662

■ 21.9905, 28.3520,
21.7662

■ 19.3830, 27.0964,
17.6789

■ 25.0583, 29.8330,
26.4874

■ 17.2114, 26.0517,
14.1966

■ 28.6047, 31.5459,
31.8657

■ 15.4524, 25.2074,
11.2911

■ 32.6500, 33.5013,
37.9258

■ 14.0795, 24.5505,
8.9314

■ 37.2124, 35.7084,
44.6903

■ 13.0635, 24.0665,
7.0832

■ 42.3094, 38.1754,
52.1808

■ 12.3705, 23.7390,
5.7086

■ 47.9575, 40.9107,
60.4181

■ 11.9528, 23.5441,
4.7641

■ 54.1725, 43.9218,
69.4221

■ 11.8386, 23.4905,
4.5220

■ 60.9698, 47.2163,
79.2119

■ 68.3640, 50.8013,
89.8059

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.2350, 28.3520, 17.2010



21.9905, 28.3520, 21.7662



21.0708, 28.3520, 29.6529

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.9905, 28.3520, 21.7662



26.5191, 28.3520, 52.9222



33.0907, 28.3520, 23.5037

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.9905, 28.3520, 21.7662



25.0408, 21.2057, 31.6286

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



33.8268, 28.3520, 32.1210



21.9905, 28.3520, 21.7662



29.8557, 28.3520, 50.3507

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.9905, 28.3520, 21.7662



23.5462, 28.3520, 48.6601



32.5990, 28.3520, 42.2141



30.6620, 28.3520, 18.0502

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.9905, 28.3520, 21.7662



21.2722, 28.3520, 36.2286



32.5990, 28.3520, 42.2141



33.5524, 28.3520, 26.0686

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.9913, 28.3532, 21.7668



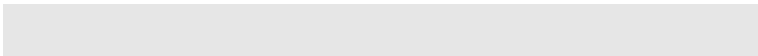
50.0817, 55.9400, 55.3399



27.3773, 31.1636, 20.4920



11.1228, 12.5589, 12.2040



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.9913, 28.3532, 21.7668



36.4051, 49.3402, 34.3316



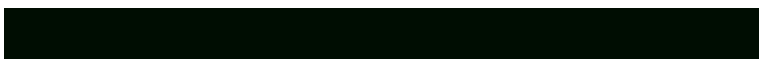
23.3425, 28.8937, 28.8824



6.1613, 6.9372, 6.7728



9.5167, 18.8701, 3.6754



0.1493, 0.2849, 0.0918

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.0408, 21.2057, 31.6286



42.8436, 34.2439, 55.1482



23.5460, 20.6078, 23.7568



6.4288, 6.3107, 7.6381



14.4416, 7.0309, 19.3824



0.2239, 0.1083, 0.3317

Previews

White Background



This preview shows how the XYZ color 21.9905, 28.3520, 21.7662 looks on a white background.

Color Contrast Check

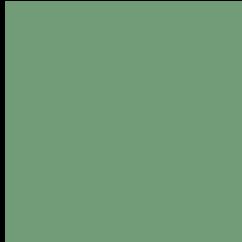
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.9905, 28.3520, 21.7662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

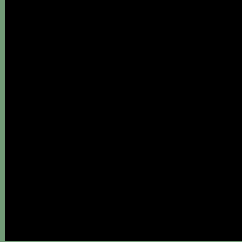
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.9905, 28.3520, 21.7662

Background



This preview shows how black text looks on a background with the XYZ color 21.9905, 28.3520, 21.7662.



This preview shows how white text looks on a background with the XYZ color 21.9905, 28.3520,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.9905, 28.3520, 21.7662

Protanopia

26.3369, 28.0314, 19.9421

Deuteranopia

28.4714, 27.9774, 22.3119



Tritanopia

25.2065, 28.2057, 37.8339

Trichromacy



Original Color

21.9905, 28.3520, 21.7662

Protanomaly

24.3898, 27.9297, 20.6285

Deuteranomaly

25.6092, 27.8343, 22.1120

Tritanomaly

23.8627, 28.1305, 31.3662

Monochromacy



Original Color

21.9905, 28.3520, 21.7662

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.4962, 26.6626, 25.7378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9905, 28.3520, 21.7662 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(114, 155, 119)` looks like.

```
.text, #text, p{  
    color:rgb(114, 155, 119)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(114, 155, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 155, 119) }
```

Border

The CSS property to change the border of an element to XYZ 21.9905, 28.3520, 21.7662 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 155, 119) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(114, 155, 119) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(114, 155, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 155, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 155, 119);  
box-shadow:4px 4px 4px 4px rgb(114, 155,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9905, 28.3520, 21.7662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 155, 119) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(114,  
155, 119) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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